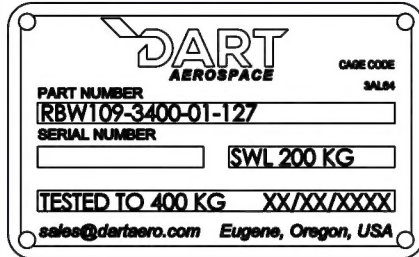
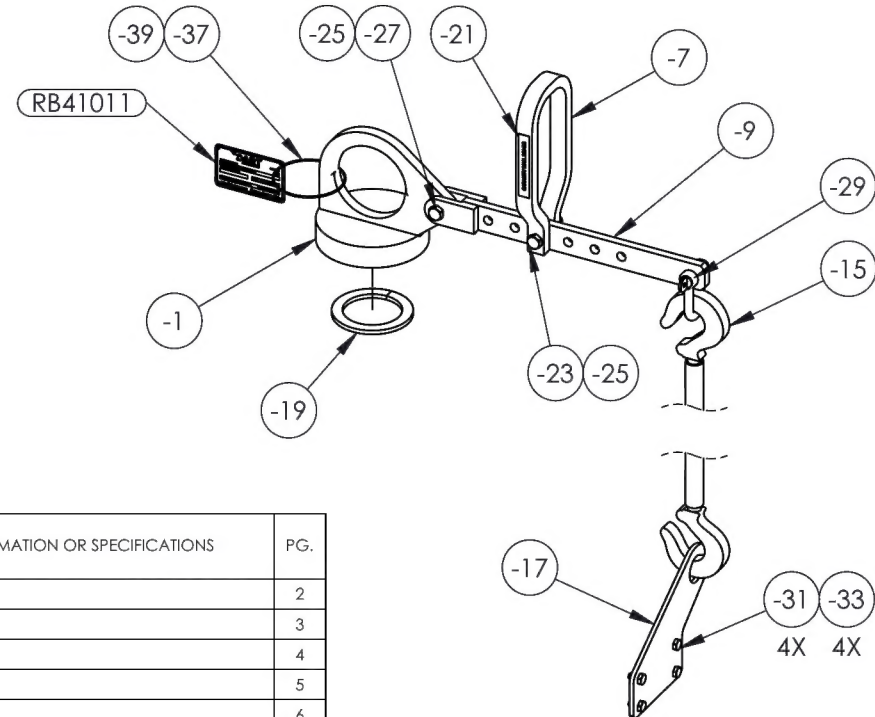


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RB41011 PLACARD DETAIL

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	UPDATED TO NEW STANDARDS. CH'D USED ON MODEL WAS A109 IS A119. -1 CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-3" IS INK STAMP P/N. -3 DELETED DIM .900. ADDED DIM 1.00. CH'D HEAT TREAT WAS RC 44 IS RC 42-46. -7 CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-7" IS INK STAMP P/N. CH'D DIM WAS 4.77 IS 4.75. -9 DELETED FIXTURE NOTE. CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-123" IS INK STAMP P/N. -16 ADDED PART. -17 CH'D NOTE WAS ENGRAVE P/N "109-3400-01-129" IS INK STAMP P/N. CH'D DIM WAS 2.02 IS 2X 2.02. -21 ADDED WHITE BACKGROUND WITH BLACK LETTERS NOTE. -29 CH'D B/O REF WAS #35805172 IS #3824175. -41 ADDED PART.	2/4/2016	DPD	JAG



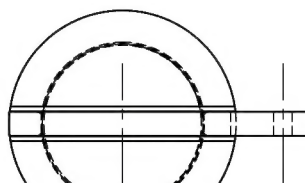
- NOTES:
1. TEST TO 400 KG USING RBW109-3400-01-127-F.
2. REF. AGUSTA T/N: 109-3400-01-127.

ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
		X		-1	1	EYE WELDMENT			2
		1		-3		BASE	4140/4142		3
		1		-5		LIFT RING	1018/1020 CR		4
				-7	1	CLEVIS	1018/1020 CR		5
	X			-9	1	ROD WELDMENT			6
	1			-11		BAR	1018/1020 CR		7
	2			-13		TAB	1018/1020 CR		8
X				-15	1	TIE ROD WELDMENT			9
1				-16		TIE ROD TUBE	1018/1020 CR		10
				-17	1	PLATE, STRUCTUAL	1018/1020 CR		11
				-19	1	RING	NYLON		12
			B/O	-21	1	LABEL	VINYL	CUT VINYL (SIGNS NOW)	13
			B/O	-23	1	BOLT, MACHINE	STEEL	3/8-24 X 1.8 AN6-16A	1
			B/O	-25	2	NUT, SELF-LOCKING, HEXAGON	S.S.	3/8-24 MS21043-6	1
			B/O	-27	1	BOLT, MACHINE	STEEL	3/8-24 X 1.58 AN6-14A	1
			B/O	-29	1	FORK	S.S.	5/16 (MCMaster-CARR #3824175)	1
			B/O	-31	4	BOLT, MACHINE	STEEL	1/4-28 X 1/2 AN4-5A	1
			B/O	-33	4	NUT, SELF-LOCKING, HEXAGON	S.S.	1/4-28 MS21043-4	1
			B/O	-37	1	LANYARD WIRE	STEEL	Ø1/16 X 3 (CARR LANE #CL2C)	1
			B/O	-39	1	FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMaster-CARR #3896T31)	1
2			B/O	-41		SHANK HOOK WITH LATCH	STEEL	(MCMaster-CARR #3535T31 AND # 35315T41)	1
			B/O		1	DART PLACARD	ALUMINUM	RB41011	1
ASSY -15	ASSY -9	ASSY -1							

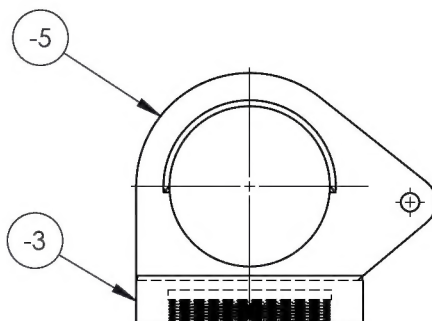
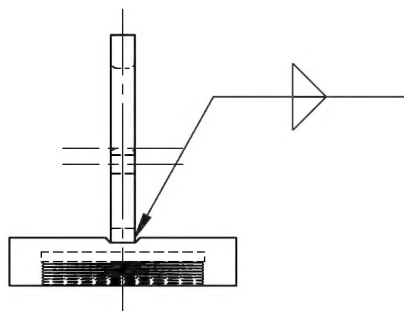
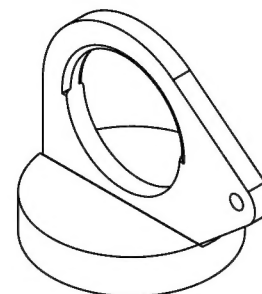
DART AEROSPACE		
TITLE MAIN TRANSMISSION LIFTING		
DWG NO. RBW109-3400-01-127		REV 2
MAT'L	UNLESS OTHERWISE SPECIFIED	
HEAT TREAT	DIMENSIONS ARE IN INCHES	
FINISH	.XXX ± .005 FRACTIONS ± 1/8	
SPEC	.XX ± .01 ANGLES ± 5°	
	.X ± .1 SURFACES = 125/	
DRAWN BY:	GILBERT	
CHECKED:	CLOUGH	
OPPS APPR:	ANDERSON	
QA APPR:	LINDSAY	
APPROVED:	GILBERT	
SCALE	1:8	DATE 3/30/2011
		SHEET 1 OF 13

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	-1 CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-3" IS INK STAMP P/N.	2/4/2016	DPD	JAG



INK STAMP P/N



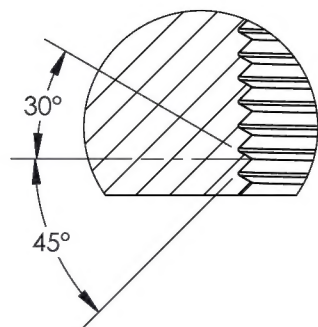
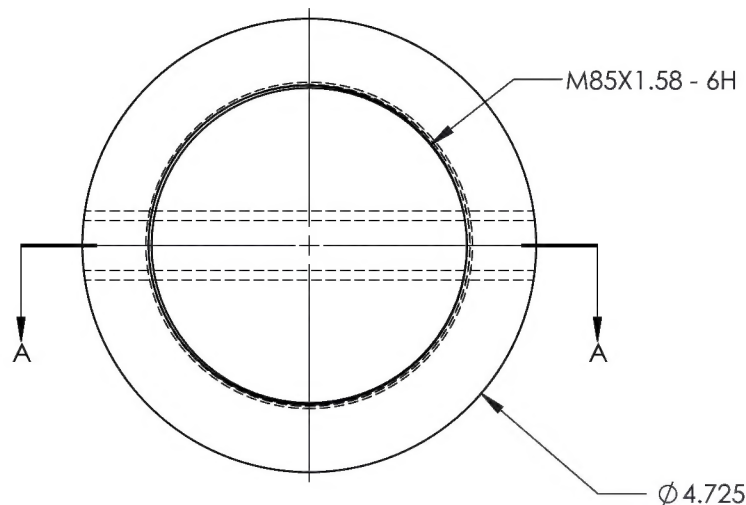
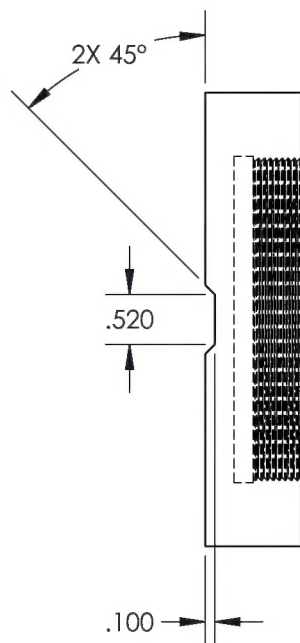
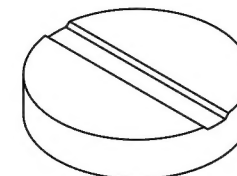
(-1)

EYE WELDMENT

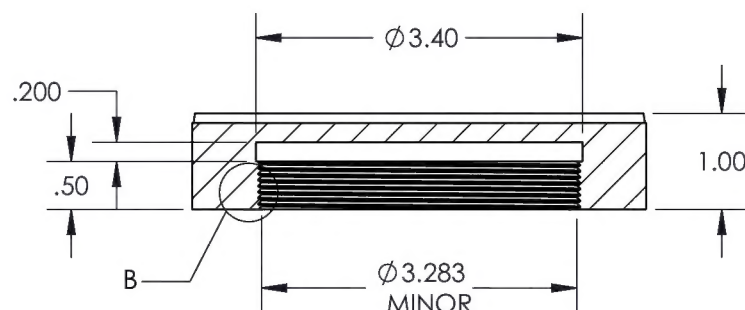
DART AEROSPACE	
TITLE MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-1	REV 2
MAT'L HEAT TREAT	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8
FINISH POWDER COAT YELLOW	.XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
SPEC FED #13538	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: GILBERT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	A119
APPROVED: GILBERT	
SCALE 1:4	DATE 3/30/2011
SHEET 2 OF 13	

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REVISIONS				DATE	INITIAL	APPROVED
REV	ECR	DESCRIPTION				
2	16-0018	-3 DELETED DIM .900. ADDED DIM 1.00. CH'D HEAT TREAT WAS RC 44 IS RC 42-46.		2/4/2016	DPD	JAG



DETAIL B
SCALE 2 : 1



VERIFY FIT WITH
THREAD GAGE

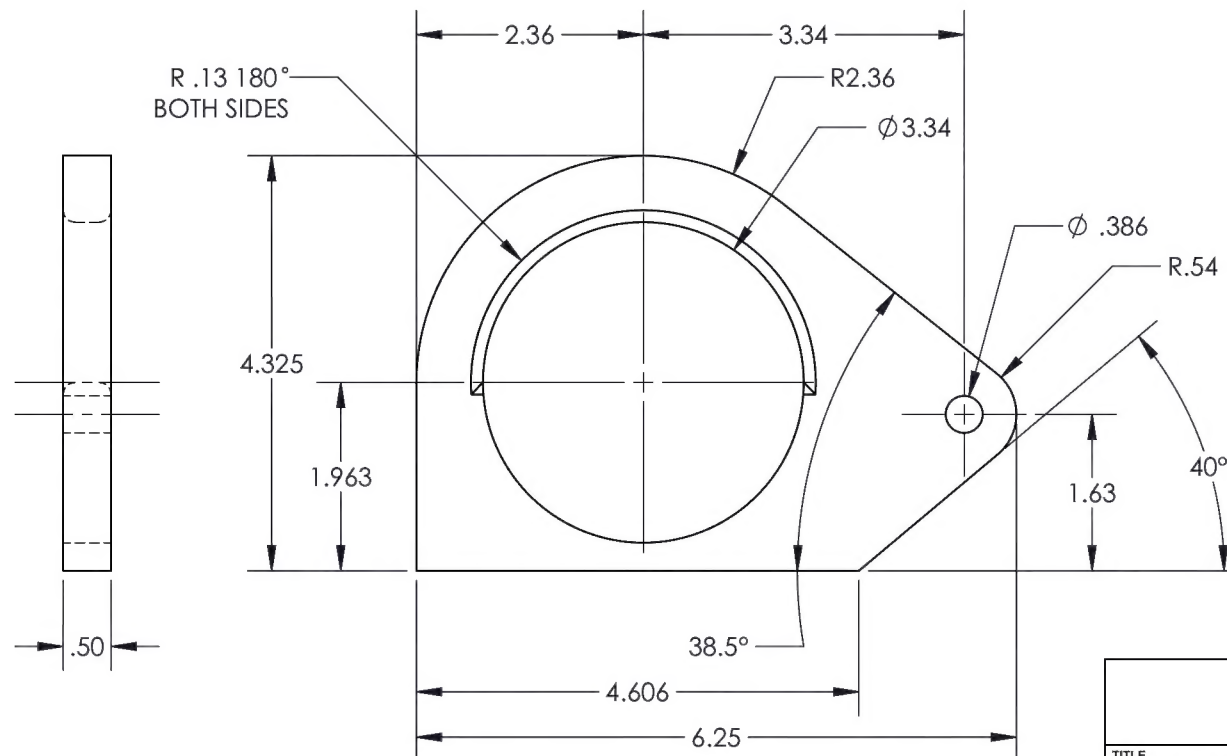
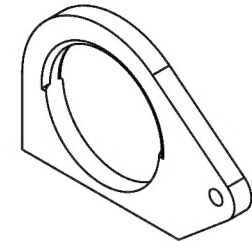
SECTION A-A

(-3)


BASE

DART AEROSPACE	
TITLE MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-3	REV 2
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 42-46	DIMENSIONS ARE IN INCHES
FINISH SEE -1	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
DRAWN BY: GILBERT	.X ± .1 SURFACES = 125✓
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:2	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 3/30/2011	USED ON MODEL
	A119
	SHEET 3 OF 13

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED

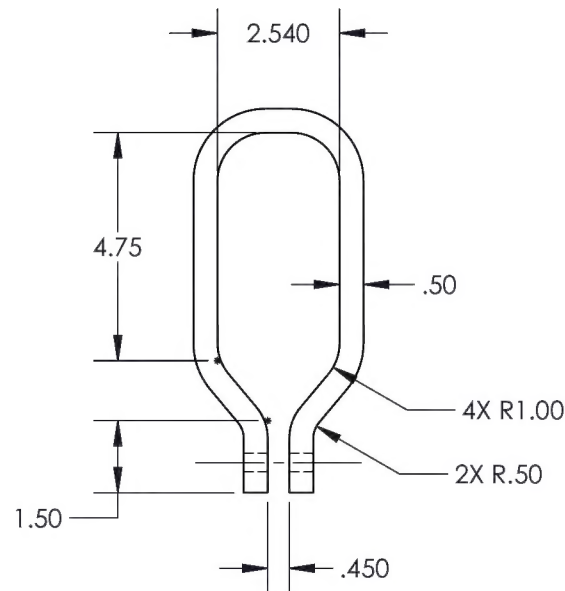
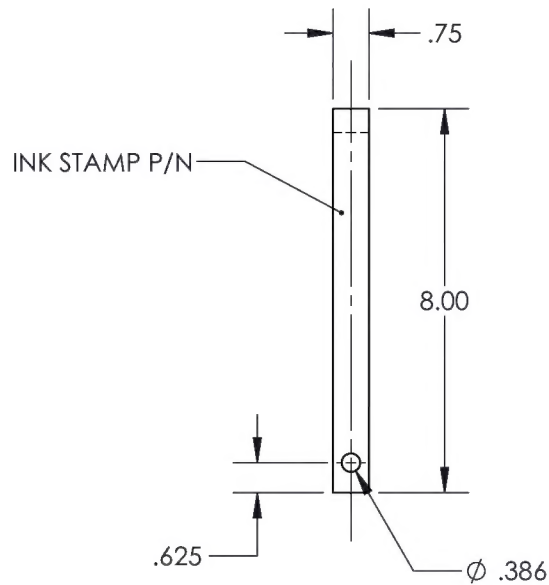
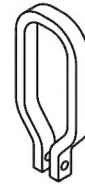


(-5)
LIFT RING


			
TITLE MAIN TRANSMISSION LIFTING			
DWG NO. RBW109-3400-01-127-5			REV 2
MAT'L 1018/1020 CR		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT		.XXX ± .005 FRACTIONS ± 1/8	
FINISH SEE -1		.XX ± .01 ANGLES ± 5°	
SPEC		.X ± .1 SURFACES = 125/√	
DRAWN BY: GILBERT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		A119	
SCALE 1:2	DATE 3/30/2011	SHEET 4 OF 13	


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	-7 CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-7" IS INK STAMP P/N. CH'D DIM WAS 4.77 IS 4.75.	2/4/2016	DPD	JAG



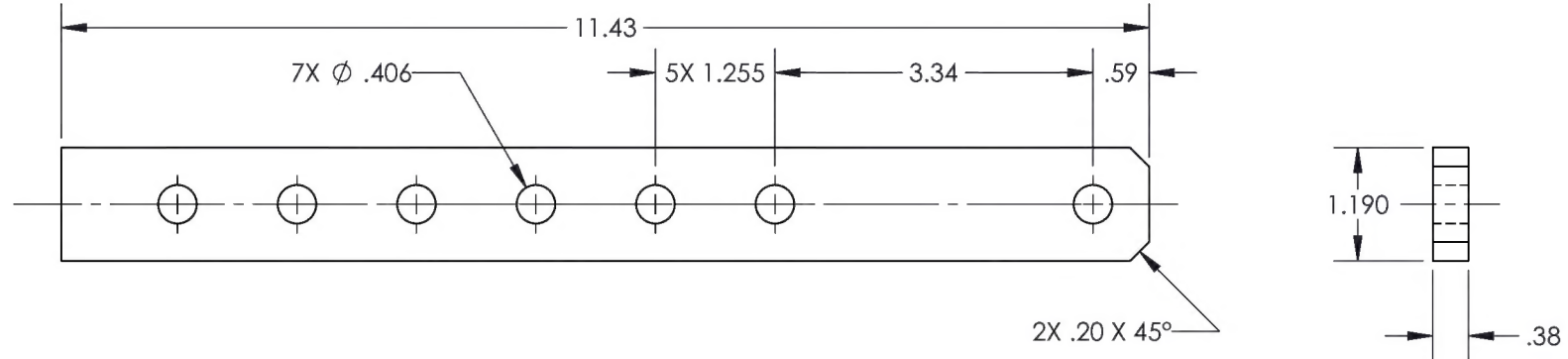
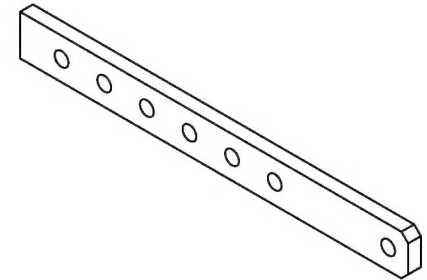

 CLEVIS

	
TITLE MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-7	REV 2
MAT'L 1018/1020 CR HEAT TREAT FINISH POWDER COAT YELLOW SPEC FED #13538	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: GILBERT CHECKED: CLOUGH OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
USED ON MODEL A119	
SCALE 1:4	DATE 3/31/2011
SHEET 5 OF 13	

			
TITLE MAIN TRANSMISSION LIFTING			
DWG NO. RBW109-3400-01-127-9			REV 2
MAT'L		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH POWDER COAT YELLOW		.XXX ± .010 FRACTIONS ± 1/8	
SPEC FED #13538		.XX ± .03 ANGLES ± 1°	
		.X ± .1 SURFACES = 125/√	
DRAWN BY: GILBERT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		A119	
SCALE 1:2	DATE 3/30/2011	SHEET 6 OF 13	

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REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



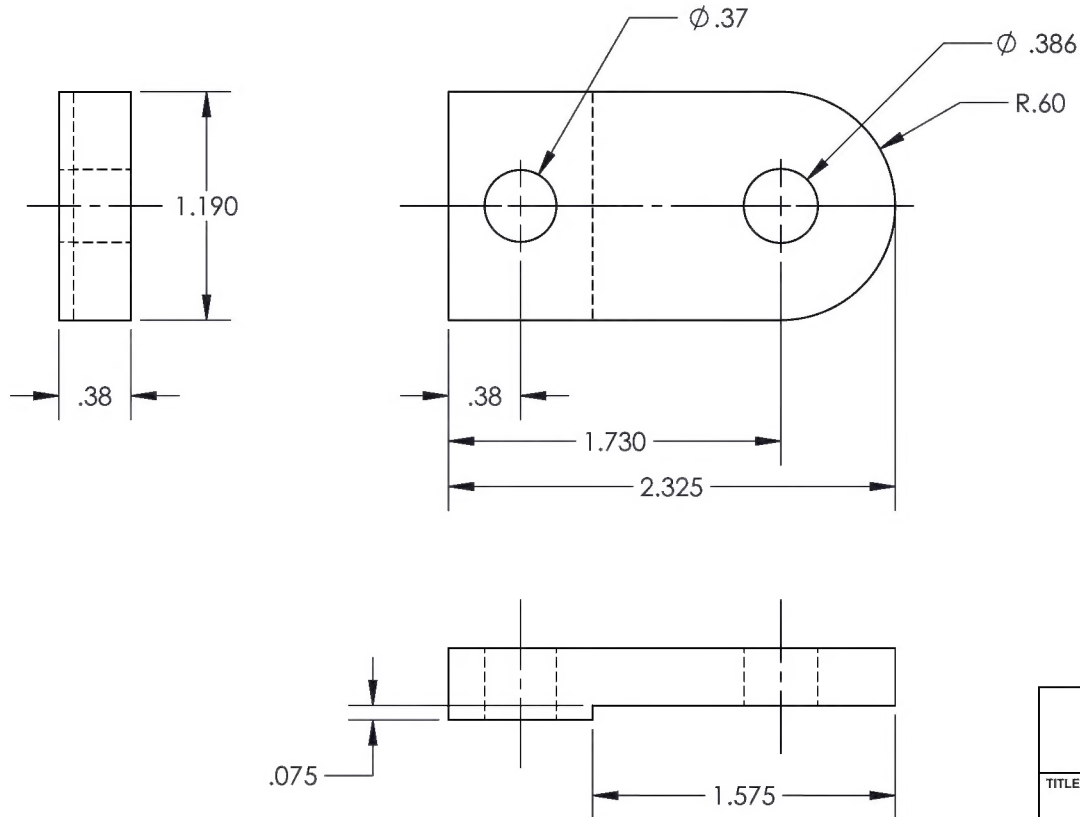
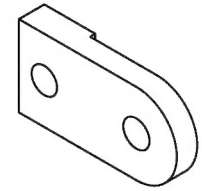
(-11)

BAR

DART AEROSPACE	
TITLE MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-11	REV 2
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -9	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
DRAWN BY: GILBERT	.X ± .1 SURFACES = 125°
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:2	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 3/30/2011	USED ON MODEL
SHEET 7 OF 13	A119

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



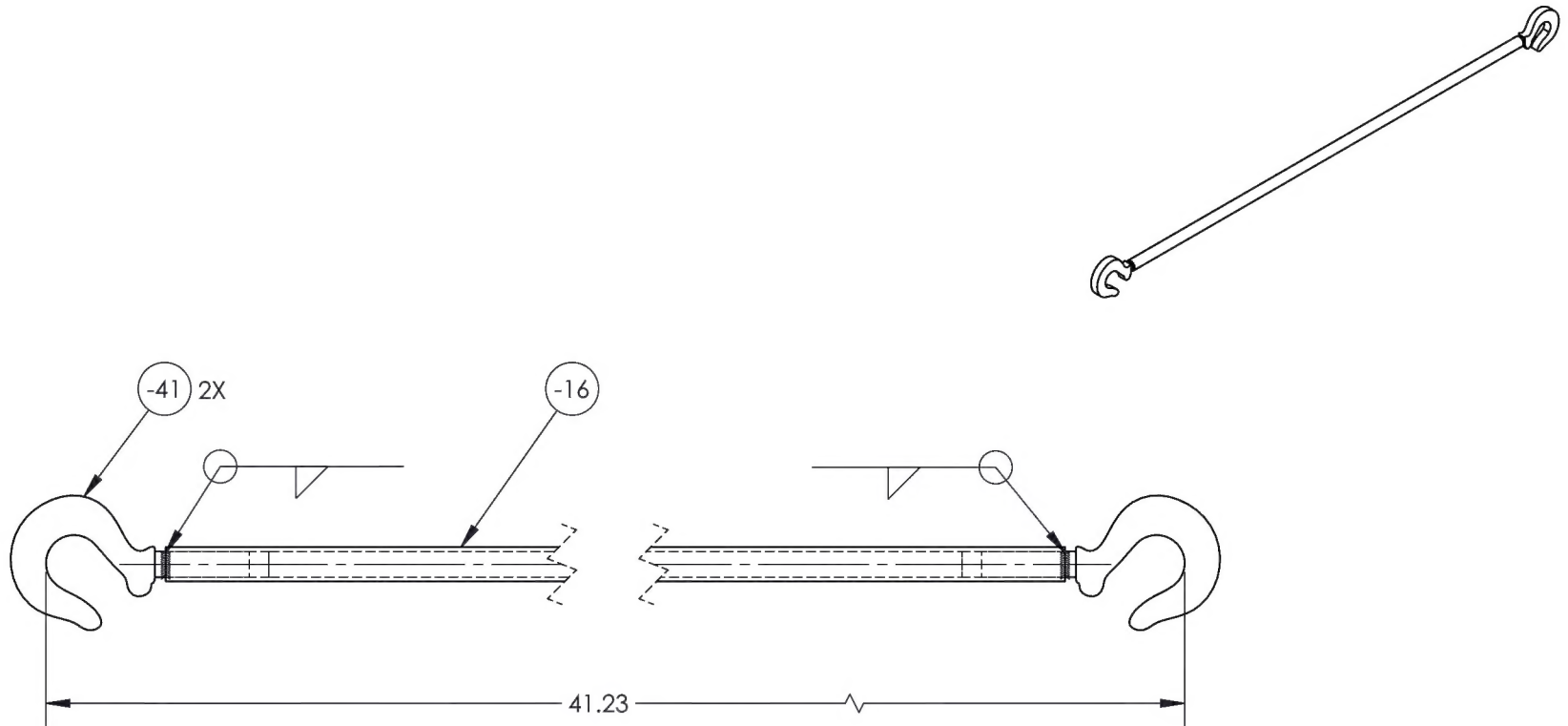
(-13)

TAB

DART AEROSPACE	
TITLE MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-13	REV 2
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -9	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	A119
SCALE 1:1	DATE 3/30/2011
	SHEET 8 OF 13

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-018	-15 REDESIGNED TO 3 PIECE WELDMENT.	2/4/2016	DPD	JAG



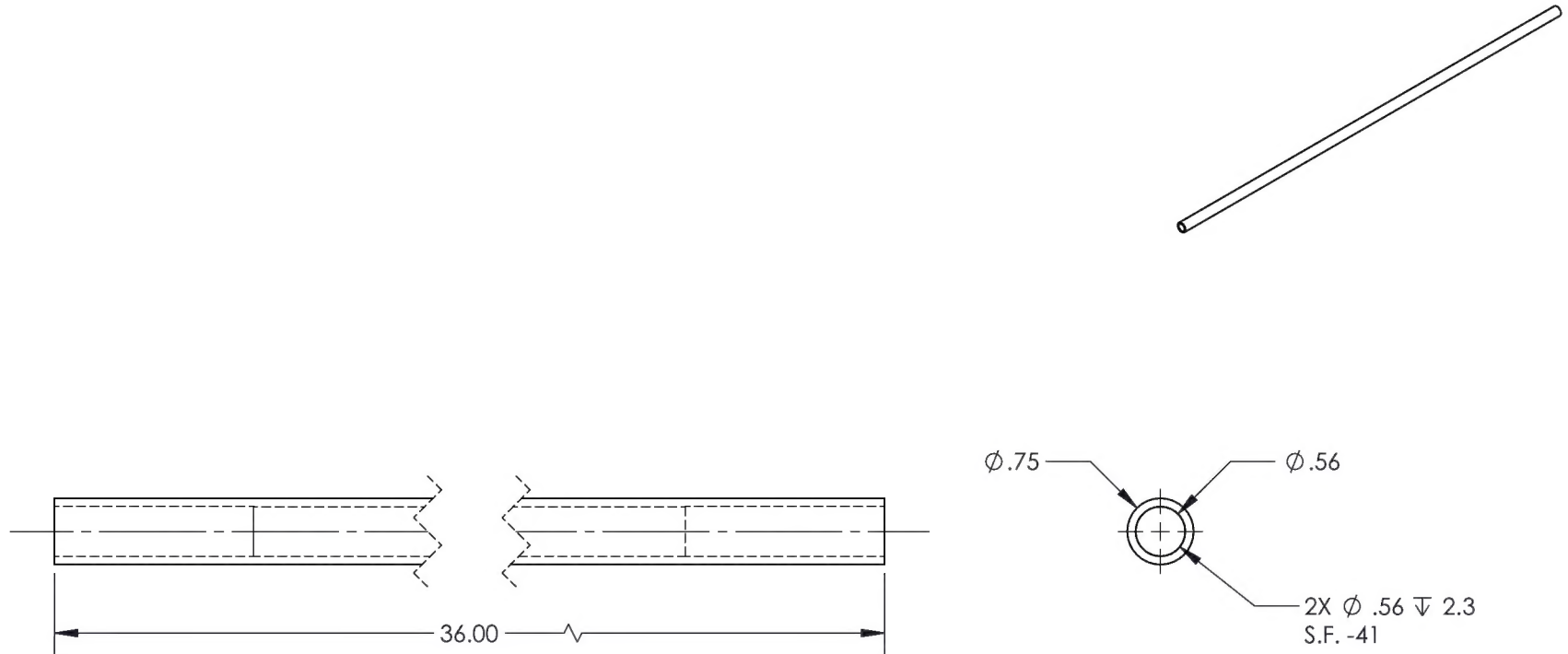
NOTE:
BOTH -41 HOOKS MUST BE FACING THE SAME
DIRECTION.

(-15)
TIE ROD WELDMENT

DART AEROSPACE	
TITLE MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-15	REV 2
MAT'L HEAT TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125°
POWDER COAT YELLOW	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
FED #13538	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
DRAWN BY: MACKOVJAK	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
CHECKED: CLOUGH	USED ON MODEL
OPPS APPR: ANDERSON	A119
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:4	DATE 10/8/2015
SHEET 9 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	-16 ADDED PART.	2/4/2016	DPD	JAG

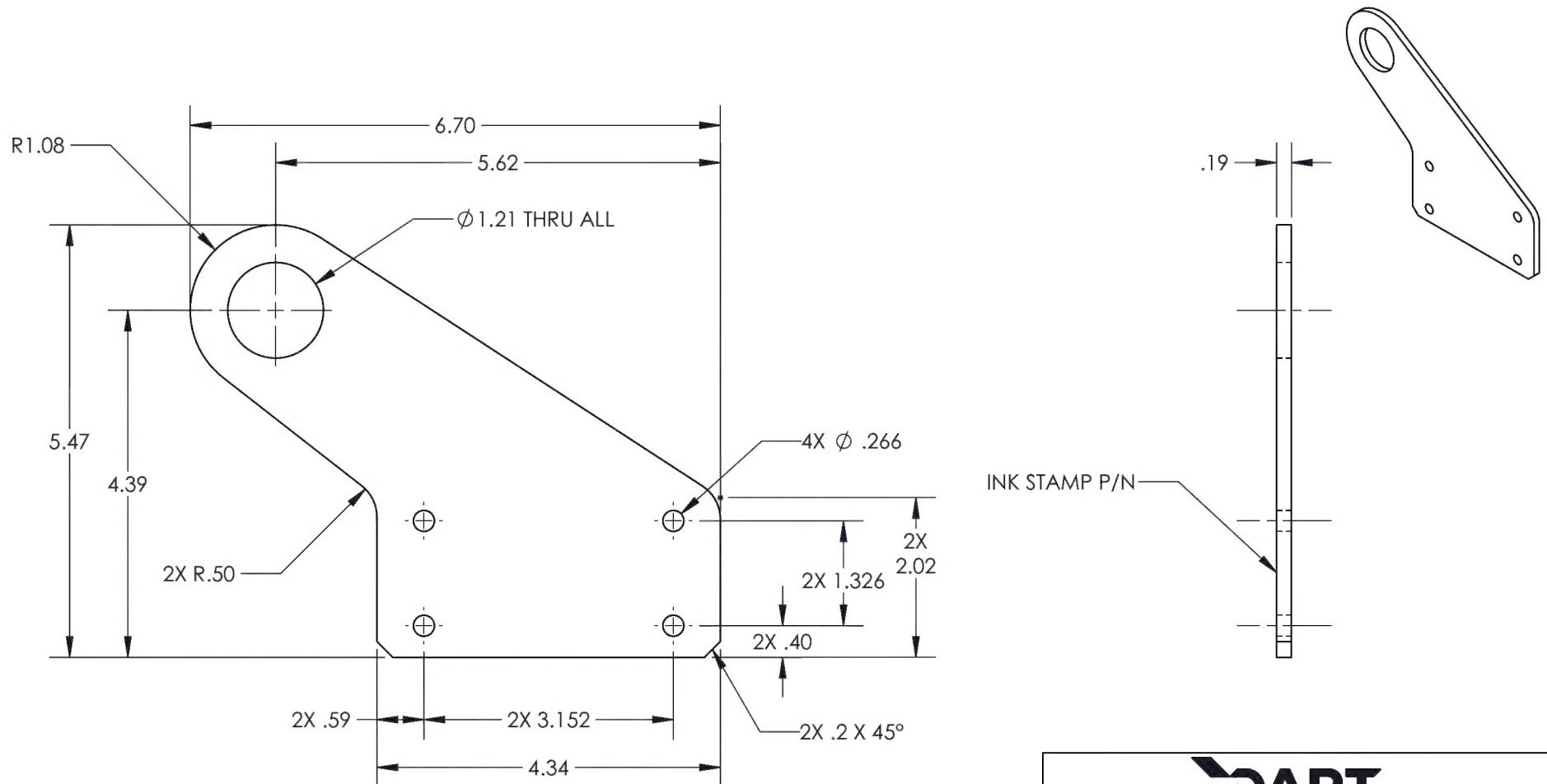


(-16)
TIE ROD TUBE

DART AEROSPACE	
TITLE MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-15-16	REV 2
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -15	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
DRAWN BY: MACKOVJAK	.X ± .1 SURFACES = 125/✓
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:2	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 10/8/2015	USED ON MODEL
SHEET 10 OF 13	A119

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	-17 CH'D NOTE WAS ENGRAVE P/N "109-3400-01-129" IS INK STAMP P/N. CH'D DIM WAS 2.02 IS 2X 2.02.	2/4/2016	DPD	JAG



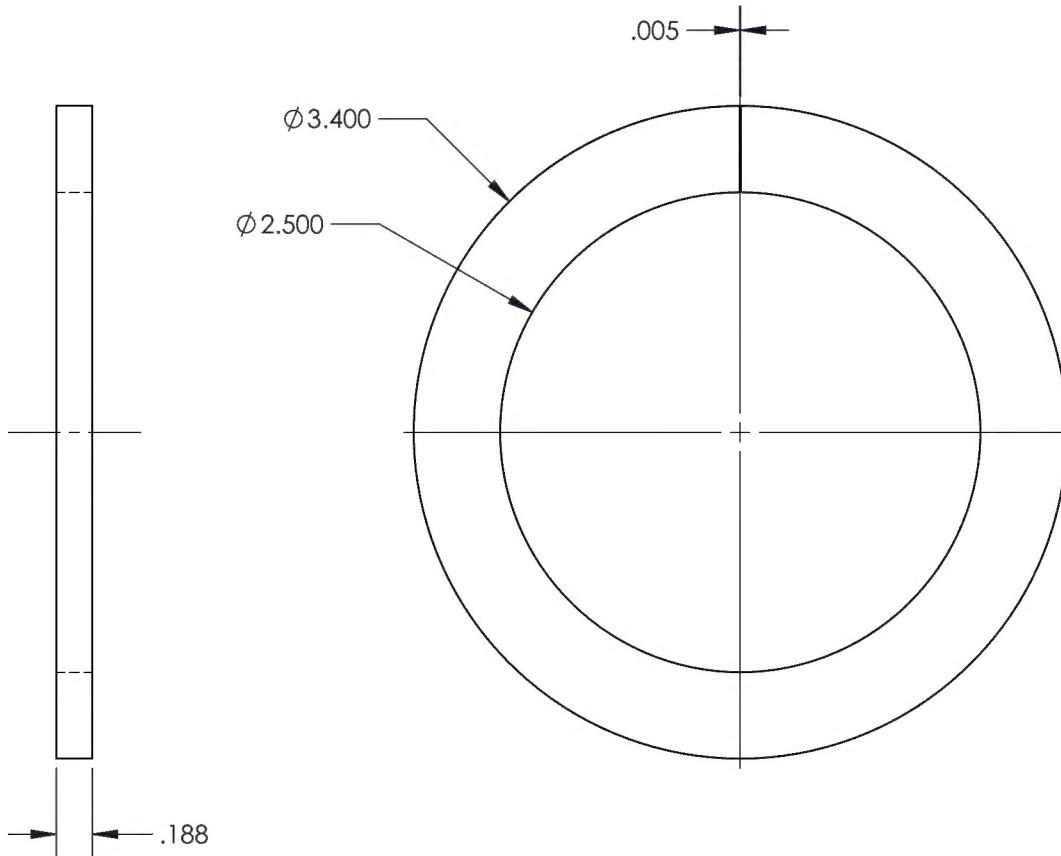
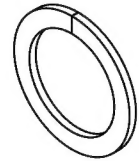
(-17)

PLATE, STRUCTUAL

DART AEROSPACE	
TITLE MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-17	REV 2
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH POWDER COAT YELLOW	.XXX ± .005 FRACTIONS ± 1/8
SPEC FED #13538	.XX ± .01 ANGLES ± 5°
DRAWN BY: GILBERT	.X ± .1 SURFACES = 125
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:2	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 4/7/2011	USED ON MODEL
SHEET 11 OF 13	A119

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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED



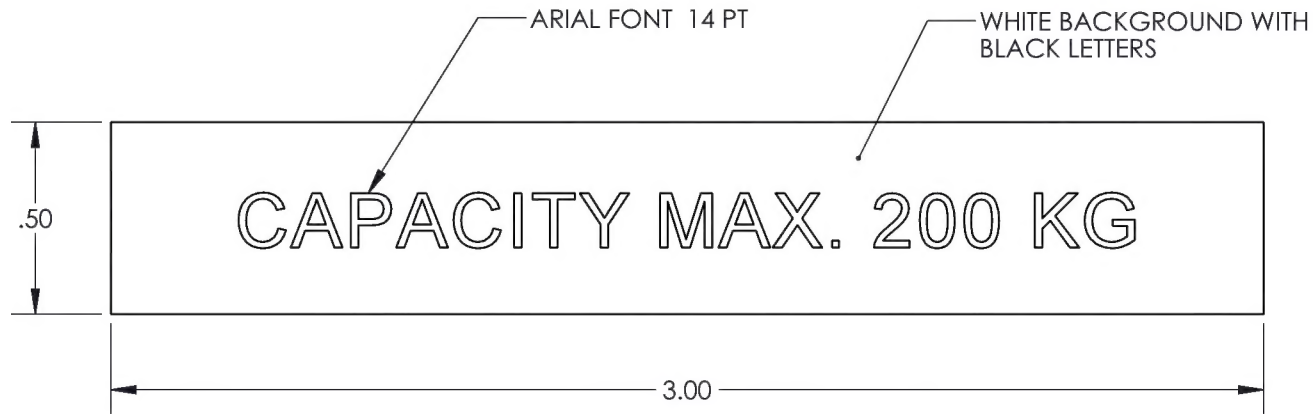
(-19)

RING

DART AEROSPACE	
TITLE MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-19	REV. 2
MAT'L NYLON	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	A119
SCALE 1:1	DATE 9/1/2011
	SHEET 12 OF 13

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	-21 ADDED WHITE BACKGROUND WITH BLACK LETTERS NOTE.	2/4/2016	DPD	JAG



(-21)
LABEL

DART AEROSPACE	
TITLE MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-21	REV 2
MAT'L VINYL	UNLESS OTHERWISE SPECIFIED
FEAT	DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH	.XX ± .01 ANGLES ± .5°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	A119
SCALE 2:1	DATE 9/1/2011
	SHEET 13 OF 13